**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L5 | 84122 | ((volt or voltage) near2 (monitor$4 or regulate )) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/12 11:08 |
| L6 | 72428 | (current near2 (monitor$4 or regulate)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/12 11:09 |
| L7 | 16844 | 5 and 6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/12 11:09 |
| L8 | 878 | (359/665-667).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 11:09 |
| L9 | 1 | 7 and L8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/12 11:09 |
| L10 | 878 | (359/665-667).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 11:15 |
| L11 | 159636 | current near3 measure$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/12 11:15 |

| L12 | 48710 | L11 and (voltage near3 measure$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/12 11:15 |
| L13 | 3 | L12 and L10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/12 11:15 |
| L14 | 878 | (359/665-667).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/08/12 11:41 |
| L15 | 369 | L14 and (voltage or current) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/12 11:41 |
| L16 | 995869 | @pd>="20090301" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/12 11:42 |
| L17 | 47 | 15 and 16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/12 11:42 |
| S1 | 655 | (359/665-667).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/20 12:56 |
| S2 | 185 | S1 and (voltage or current) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 13:13 |
| S3 | 6512 | (351/159-177).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/08/20 13:13 |

| S4 | 1804 | S3 and (fluid or liquid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 13:14 |
|---|---|---|---|---|---|---|
| S5 | 21 | S4 and immiscible | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/08/20 13:50 |
| S6 | 2239323 | @pd>="20070801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/14 08:38 |
| S7 | 739 | (359/665-667).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/14 08:39 |
| S8 | 254 | S7 and (voltage or current) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/14 08:39 |
| S9 | 71 | S6 and S8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/14 08:39 |
| S10 | 71 | S6 and S9 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/14 08:39 |
| S11 | 6780 | (351/159-177).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/07/14 08:39 |
| S12 | 1941 | S11 and (fluid or liquid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/14 08:39 |

| S13 | 147 | S6 and S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/14 08:39 |
|-----|-----|------------|------|-----|-----|---------|
| S14 | 217 | S9 or S13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/07/14 08:40 |
| S15 | 6843 | (351/159-177).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/10/02 10:01 |
| S16 | 3792019 | @pd>="20070801" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 18:41 |
| S17 | 822 | (359/665-667).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/10 18:41 |
| S18 | 324 | S17 and (voltage or current) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 18:41 |
| S19 | 139 | S16 and S18 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 18:41 |
| S20 | 6951 | (351/159-177).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/10 18:41 |
| S21 | 2033 | S20 and (fluid or liquid) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 18:41 |

| S22 | 239 | S16 and S21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 18:41 |
| S23 | 375 | S19 or S22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 18:42 |
| S24 | 14986 | (fluid$4 or gas or liquid) near2 lens | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 18:57 |
| S25 | 217 | S24 and (current near2 (monitor$4 or regulate or display)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 18:58 |
| S26 | 10 | S25 and ((volt or voltage) near2 (monitor$4 or regulate or display)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 18:59 |
| S27 | 111985 | (current near2 (monitor$4 or regulate or display)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 19:02 |
| S28 | 19593 | S27 and ((volt or voltage) near2 (monitor$4 or regulate or display)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 19:02 |
| S29 | 1 | S28 and S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 19:02 |
| S30 | 157 | S17 and current | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 19:03 |

| S31 | 113 | S30 and voltage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 19:03 |
|-----|-----|-----------------|---------------------------------------------------|-----|----|------------------|
| S32 | 454403 | current same measure$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 19:17 |
| S33 | 207942 | S32 and (voltage same measure$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 19:17 |
| S34 | 302 | S33 and ((fluid$3 or liquid or gas) near3 lens) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 19:18 |
| S35 | 153497 | current near3 measure$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 19:19 |
| S36 | 46600 | S35 and (voltage near3 measure$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 19:19 |
| S37 | 2 | S36 and S17 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 19:20 |
| S38 | 30 | S36 and ((fluid$3 or liquid or gas) near3 lens) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 19:20 |
| S39 | 2 | ("4681404").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/10 19:25 |

| S40 | 112339 | "359"/$ | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 20:14 |
| S41 | 146927 | ("359").CLAS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/03/10 20:14 |
| S42 | 167 | S36 and S41 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/03/10 20:15 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L18 | 213 | (359/665-667).CCLS. | US-PGPUB; UPAD | OR | OFF | 2009/08/12 13:19 |
| L19 | 15 | 18 and (voltage or current) | USPAT; UPAD | OR | ON | 2009/08/12 13:20 |
| L20 | 11 | 18 and (voltage or current).clm. | USPAT; UPAD | OR | ON | 2009/08/12 13:20 |
| L21 | 1151 | ((fluid$3 or liquid) near2 lens).clm. | USPAT; UPAD | OR | ON | 2009/08/12 13:20 |
| L22 | 162 | 21 and (voltage or current).clm. | USPAT; UPAD | OR | ON | 2009/08/12 13:21 |
| L23 | 169 | 19 or 22 | USPAT; UPAD | OR | ON | 2009/08/12 13:21 |
| L24 | 105 | 18 and (voltage or current).clm. | US-PGPUB; UPAD | OR | ON | 2009/08/12 13:23 |
| L25 | 902 | ((fluid$3 or liquid) near2 lens).clm. | US-PGPUB; UPAD | OR | ON | 2009/08/12 13:24 |
| L26 | 233 | 25 and (voltage or current).clm. | US-PGPUB; UPAD | OR | ON | 2009/08/12 13:24 |
| L27 | 295 | 24 or 26 | US-PGPUB; UPAD | OR | ON | 2009/08/12 13:25 |

**8/12/09 1:34:48 PM**
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